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**Title:** JP9134716A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY, A MANUFACTURE

**Country:** JP Japan

**Kind:** A

**Inventor:** ENDO HIDEO;  
MATSUNAMI TAKAAKI;

**Assignee:** NIPPON MUKI CO LTD  
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**Published / Filed:** 1997-05-20 / 1996-03-12

**Application Number:** JP1996000083228

**IPC Code:** H01M 2/16;

**Priority Number:** 1995-09-05 JP1995000251853

**Abstract:**

**PROBLEM TO BE SOLVED:** To provide a battery excellent in close adhesion to a plate by giving wet grinding to silica powder and filling it into a specified component of glass fiber sheet thereby increasing the mechanical strength and facilitating the battery assembly work.

**SOLUTION:** Silica powder is given wet grinding and the silica powder 0.4-3 $\mu$ m in average grain diameter is equally filled into the glass fiber sheet consisting of 100-90wt.% of glass fibers and 0-10% of synthetic fibers. Hereby, a separator for a lead storage battery and a glass fiber sheet are made. Then, this is soaked in the suspension of silica fine powder, whereby the silica fine powder is filled into the fine holes of the sheet equally at 1-25%.

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**Legal Status:**

**Family:** [Show 13 known family members](#)

**Forward References:**

PDF	Patent	Pub.Date	Inventor	Assignee	Title
<input checked="" type="checkbox"/>	<a href="#">US6531248</a>	2003-03-11	Zguris; George C.	Squannacook Technologies LLC	Batte past

**Other Abstract Info:** DERABS C97-330332 DERC97-330332